

## Abstract

A medium streaming distribution system for reducing spread of affect of a packet loss caused in a network before reaching a  
5 base station of a low-speed communication such as radio communication.  
The system includes a medium distribution device for packet-transmitting a medium stream to a network by a real time transmission protocol and a base station for transmitting a medium stream by a low-speed communication such as a radio communication.  
10 The system further includes a packet analysis device for monitoring the packet arriving at the radio base station and transmitting feedback information associated with loss of a packet to the medium distribution device. According to the feedback from a relay device and a terminal device of the medium stream, it is possible to obtain  
15 a transmission rate from the medium distribution device to the relay device and a transmission rate from the relay device to the terminal device, so that in the greater transmission rate, a surplus band is used for re-transmission or a forward error correction, thereby improving the communication quality.